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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

		Application Number	10/647,995
		Filing Date	August 26, 2003
		First Named Inventor	William H. Ward
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	7	Attorney Docket Number	36400.26US3

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form 1449A/PTO and Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Thomas C. McDonough; Neal, Gerber and Eisenberg LLP
Signature	
Date	November 6, 2003

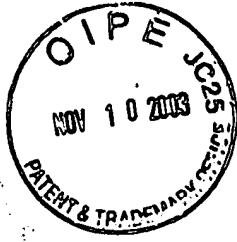
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Washington, DC 20231 on this date:

Typed or printed name	Michelle Cook	
Signature		Date 11/6/03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	William H. Ward)	
)	
Serial No.:	10/647,995)	Examiner: unassigned
)	
Filed:	August 26, 2003)	Group Art Unit: unassigned
)	
Title:	Tandem Pump And Interface For Same)	No.: 36400.26US3
)	

INFORMATION DISCLOSURE STATEMENT
(37 C.F.R. §1.97(b)(3)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, pursuant to 37 C.F.R. §1.56, the items of information listed on the enclosed Form PTO/SB/08a are brought to the attention of the Examiner.

This statement should be considered because it is submitted, pursuant to 37 C.F.R. §1.97(b)(3), before the mailing of the first Office Action, therefore, no fee is required.

In accordance with 37 C.F.R. §1.98(d), copies of U.S. patents and foreign patents and other art listed on the enclosed forms PTO/SB/08A and PTO/SB/08B which were previously cited by or submitted to the Office with the previously filed applications, of which the current application is a continuation, are not enclosed. The previously filed application upon which the current application relies for an earlier filing date under 35 U.S.C. § 120 is:

U.S. patent application Serial No. 10/279,329 filed on October 24, 2002 (USPN 09/702167); which is a continuation of U.S. patent application Serial No. 09/7002,167 filed on October 30, 2000 (USPN 6,494,686).

In accordance with 37 C.F.R. §1.104, no representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§102 and 103 and Applicant reserves the right, pursuant to 37 C.F.R. §1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of MPEP 609, it is requested that the Examiner return a copy of the attached Form PTO/SB/08a, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Date: November 6, 2003

By: Thomas C. McDonough
Thomas C. McDonough
Registration No. 33,734
NEAL, GERBER & EISENBERG LLP
2 North LaSalle Street, Suite 2200
Chicago, Illinois 60602
(312) 269-5282

Certificate of Mailing: The undersigned hereby certifies that this document and its enclosures are being deposited with the United States Postal Service as first class mail, postage prepaid in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 6th day of November, 2003.

By: Michelle Cook



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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/647,995
Filing Date	08/26/2003
First Named Inventor	William H. Ward
Art Unit	
Examiner Name	

Attorney Docket Number 36400.26US3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,361,282 B1	03/26/2002	Wanschura	
		US- 5,913,950	06/22/1999	Matsufuji	
		US- 5,887,484	03/30/1999	Abend et al	
		US- 5,873,287	02/23/1999	Kawada	
		US- 5,862,664	11/17/1998	Shimizu et al	
		US- 5,819,537	10/13/1998	Okada et al	
		US- 5,800,134	09/01/1998	Hasegawa et al	
		US- 5,794,443	08/18/1998	Shimizu	
		US- 5,771,758	06/30/1998	Hauser	
		US- 5,628,189	05/13/1997	Hauser et al	
		US- 5,588,594	12/31/1996	Sakakura et al	
		US- 5,555,727	09/17/1996	Hauser et al	
		US- 5,546,752	08/20/1996	Horton et al	
		US- 5,501,578	03/26/1996	Skirde	
		US- 5,440,951	08/15/1995	Okada et al	
		US- 5,373,697	12/20/1994	Jolliff et al	
		US- 5,339,631	08/23/1994	Ohashi	
		US- 5,335,496	08/09/1994	Azuma et al	

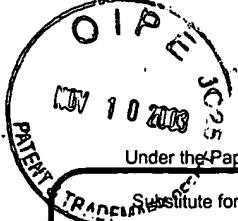
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 2001-116107	04-2001			

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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(Use as many sheets as necessary)

Sheet

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of

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		Number-Kind Code ² (if known)			
		US- 5,333,451	08/02/1994	Sakikawa et al	
		US- 5,330,394	07/19/1994	Hauser et al	
		US- 5,314,387	05/24/1994	Hauser et al	
		US- 5,311,740	05/17/1994	Shiba et al	
		US- 5,289,738	03/01/1994	Szulczewski	
		US- 5,207,060	05/04/1993	Sheets	
		US- 5,201,692	04/13/1993	Johnson et al	
		US- 5,182,966	02/02/1993	von Kaler et al	
		US- 5,163,293	11/17/1992	Azuma et al	
		US- 5,156,576	10/20/1992	Johnson	
		US- 5,146,748	09/15/1992	Okada	
		US- 5,136,845	08/11/1992	Woodley	
		US- 5,094,077	03/10/1992	Okada	
		US- 5,074,195	12/24/1991	Ohashi et al	
		US- 5,042,252	08/27/1991	Havens et al	
		US- 4,986,073	01/22/1991	Okada	
		US- 4,934,253	06/19/1990	Berthold et al	
		US- 4,932,209	06/12/1990	Okada et al	

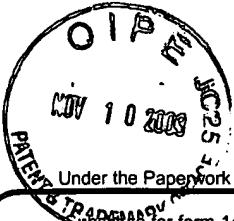
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Examiner Signature	Date Considered
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See instructions for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 4

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		US- 4,914,907	04/10/1990	Okada	
		US- 4,905,472	03/06/1990	Okada	
		US- 4,899,541	02/13/1990	Okada et al	
		US- 4,870,820	10/03/1989	Nemoto	
		US- 4,856,638	08/15/1989	Fujisaka et al	
		US- 4,167,855	09/18/1979	Knapp	
		US- US 2003-003803 A1	02-2003	Ohashi et al	
		US- 6,494,686	12-2002	Ward	
		US- 5,957,666	09-1999	Lee	
		US-			

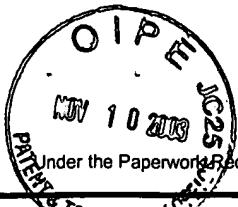
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<p>TRADEMARK Substitution Form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				<p>Complete if Known</p> <p><i>Application Number</i> 10/647,995</p> <p><i>Filing Date</i> 08/26/2003</p> <p><i>First Named Inventor</i> William H. Ward</p> <p><i>Art Unit</i></p> <p><i>Examiner Name</i></p>	
Sheet	4	of	4	Attorney Docket Number	36400.26US3

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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